

Claims

- [c1] An annular member for a braking device utilizing a multiple disk brake, said annular member comprising: a first portion forming a part of a brake housing of the braking device; a second portion forming a pressure surface for the disks in the braking device; and a third portion provided with teeth and forming a ring gear configured to form part of a planetary gear transmission.
- [c2] The annular member as recited in claim 1, wherein the first portion has a ring shape.
- [c3] The annular member as recited in claim 2, wherein the pressure surface extends in a plane essentially at right angles to a central axis of the second portion which is annularly shaped.
- [c4] The annular member as recited in claim 2, wherein the second portion projects inward in the radial direction from the first portion.
- [c5] The annular member as recited in claim 1, wherein the first portion comprises guide surfaces for guidance in the axial direction of at least one first brake disk when the braking device is activated.
- [c6] The annular member as recited in claim 5, wherein the guide surfaces consist of a number of parallel ridges which extend at least partially in the axial direction.
- [c7] The annular member as recited in claim 1, wherein the first portion and the third portion are arranged at different distances in the radial direction of the annular member.
- [c8] The annular member as recited in claim 1, wherein the first portion is arranged at a greater distance in the radial direction of the annular member than the third portion.
- [c9] The annular member as recited in claim 7, wherein the second portion forms a part located between the first and third portions of the annular member.
- [c10] The annular member as recited in claim 1, wherein the second portion is arranged in such a way that said pressure surface is formed at one end of the ring gear in the

axial direction of the annular member.

- [c11] The annular member as recited in claim 1, wherein the annular member comprises a fourth portion forming a bearing unit for mounting a hub.
- [c12] The annular member as recited in claim 11, wherein the fourth portion comprises at least one race for receiving at least one row of balls.
- [c13] The annular member as recited in claim 12, wherein the fourth portion forms an outer part of the ring gear in the radial direction.
- [c14] An arrangement for driving a wheel of a vehicle, said arrangement comprising: a planetary gear transmission for transmitting power from a driving axle to a wheel hub configured for a wheel to be arranged thereupon; an annular member for a braking device utilizing a multiple disk brake, said annular member comprising: a first portion forming a part of a brake housing of the braking device; a second portion forming a pressure surface for the disks in the braking device; and a third portion provided with teeth and forming a ring gear configured to form part of a planetary gear transmission.
- [c15] The arrangement as recited in claim 14, wherein the planetary gear transmission comprises: a sun gear connected to the driving axle, a planet carrier on which at least one planet gear is arranged, which planet gear is also arranged in engagement with the sun gear; and a ring gear arranged around, and also in engagement with said planet gear.
- [c16] The arrangement as recited in claim 15, wherein the braking device and the hub are arranged on the planet carrier on different sides of the planet gear.
- [c17] The arrangement as recited in claim 14, wherein the hub is mounted against the annular member.
- [c18] The arrangement as recited in claim 17, wherein the bearing arrangement between the hub and the annular member comprises at least one row of balls arranged along a circular track and also between races designed in the hub and the annular

member.

- [c19] The arrangement as recited in claim 18, wherein the bearing arrangement between the hub and the ring gear comprises two rows of balls, the rows being arranged at a mutual spacing in the axial direction of the driving axle.
- [c20] The arrangement as recited in claim 15, wherein the hub is connected firmly to the planet carrier.
- [c21] The arrangement as recited in claim 14, wherein the braking device is adapted to brake the planet carrier relative to the first portion of the annular member.
- [c22] The arrangement as recited in claim 14, wherein the braking device is adapted to brake the driving axle relative to the first portion of the annular member.
- [c23] The arrangement as recited in claim 14, wherein the annular member is connected firmly to an axle case.